

**FILTERED E-BEAM INSPECTION AND REVIEW**

**Abstract of the Disclosure**

The disclosure relates to filtered e-beam inspection and review. One embodiment pertains to the filtered inspection or review of a specimen with a high aspect ratio feature. Advantageously, the energy and/or angular filtering improves the information retrievable relating to the high aspect ratio feature on the specimen. Another embodiment pertains to a method for energy-filtered electron beam inspection where a band-pass energy filtered image data is generated by determining the difference between a first high-pass energy-filtered image data set and a second high-pass energy-filtered image data set.